



W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng		Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 69670**

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Monday, May 16, 2011 9:27:08 AM

Item ID: D3552-17

Accept



Setup Start



Revision ID:

Stop



Item Name: Door Prop

Start Date: 5/16/2011 Start Qty: 12.00



Cust Item ID:

Required Date: 5/20/2011 Req'd Qty: 12.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: 272

0.00



Packaging

Memo

0.00

Packaging

*Rec'd 5/25* (12)

140

QC21 - Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*11/5/26*  
*MF*  
*11-05-25*

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

**NOTE:** Date & initial all entries

# Picklist Print

Monday, May 16, 2011 9:27:05 AM

Page 1

Work Order ID: 69670



Parent Item: D3552-17



Parent Item Name: Door Prop

Start Date: 5/16/2011



Required Date: 5/20/2011

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP Rev:A 10.09.24 new issue DD verf:EC  
10.12.03 as per dwg rev.G DD verf:EC

IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
B8-154-387-156N  Gas Spring		Purchased	No			110	Each	0.0000	1 	12		<i>Purified</i>	(12)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

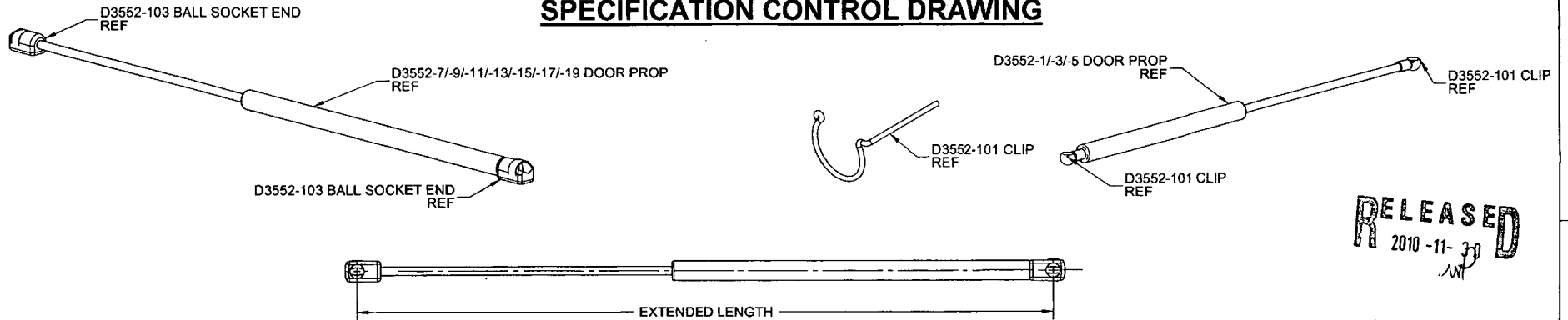
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng		Sign & Date			

**NOTE:** Date & initial all entries

# SPECIFICATION CONTROL DRAWING



DART PART NUMBER	DESCRIPTION	STROKE (mm/in)	EXTENDED LENGTH (mm/in)	FORCE (N/lb)	END FITTING	MATERIAL	SUPPLIER	SUPPLIER PART NUMBER OR MODEL NUMBER	ALTERNATE SUPPLIER	ALTERNATE SUPPLIER P/N OR MODEL NUMBER
D3552-1	DOOR PROP	220/8.66	530/20.6	70/15.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-220-530-070N	N/A	N/A
D3552-3	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-200-490-200N	N/A	N/A
D3552-5	DOOR PROP	175/6.89	430/16.9	150/33.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-175-430-150N	N/A	N/A
D3552-7	DOOR PROP	220/8.66	530/20.9	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-220-530-070N	N/A	N/A
D3552-9	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-200-490-200N	N/A	N/A
D3552-11	DOOR PROP	240/9.45	575/22.6	150/33.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-240-575-150N	N/A	N/A
D3552-13	DOOR PROP	220/8.66	530/20.9	140/31.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-220-530-140N	N/A	N/A
D3552-15	DOOR PROP	139/5.47	386/15.2	300/67.4	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-300N	SUSPA, Inc.	16-2-210-139-A101-B101-400N
D3552-17	DOOR PROP	139/5.47	386/15.2	156/35.1	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-156N	SUSPA, Inc.	16-2-210-160-A101-B101-156N
D3552-19	DOOR PROP	139/5.47	386/15.2	60/13.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-060N	SUSPA, Inc.	16-2-210-139-A101-B101-060N
D3552-101	CLIP	N/A	N/A	N/A	N/A	CARBON STEEL	LS TECHNOLOGIES	C9	N/A	N/A
D3552-103	BALL SOCKET END	N/A	N/A	N/A	N/A	NYLON	LS TECHNOLOGIES	B10	N/A	N/A

## D3552-X DOOR PROP

G	FOR -15, FORCE:300/67.4 WAS 400/88.9, SUPPLIER P/N B8-154-387-300N WAS B8-154-387-400N; FOR -17, STROKE: 139/5.47 WAS 160/6.30, EXT LG. 386/15.2 WAS 407/16.0, SUPPLIER P/N B8-154-387-156N WAS B8-187-408-156N	JPH	10.11.01
F	ADD P/N D3552-15/-17/-19 AND ALTERNATE SUPPLIER	JPH	10.07.27
E	ADD P/N D3552-13 ZN B8-1, A8-1, D6-1, CHANGE NAME FROM "GAS SPRING" TO "DOOR PROP" THROUGH OUT DWG	HS	10.02.03
D	ADD P/N D3552-101 ZN D6-1, C7-1, C1-1 AND D3552-103 ZN D1-1 AND C2-1 AND ZN B8-1; ADD NOTE REGARDING D3552-101 AND D3552-103 COMPATIBILITY ZN A8-1	HS	09.04.02
C	ADD D3552-11 AND CONVERSIONS FOR INSPECTION; UPDATE P/N FOR D3552-7	LE	07.06.01
B	ADD D3552-7/-9; UPDATE DESC. D3552-1/-3/-5	LE	06.10.24
A	NEW ISSUE	LE	06.09.15
REV.	DESCRIPTION	BY	DATE
DESIGN	JPH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	JPH	DRAWING NO.	REV. G
MFG. APPR.	N/A	D3552	SHEET 1 OF 1
APPROVED	JPH	TITLE	SCALE
DE APPR.	JPH	DOOR PROP	NTS
DATE	10.11.01	<small>COPYRIGHT © 2006 BY DART AEROSPACE LTD.  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

### NOTES:

- 1) IDENTIFICATION: IDENT P/N D3552-X & B/N PER QSI 044 6.2
- 2) D3552-101 CLIP IS ONLY COMPATIBLE WITH D3552-1/-3/-5 DOOR PROPS
- 3) D3552-103 BALL SOCKET END IS ONLY COMPATIBLE WITH D3552-7/-9/-11/-13/-15/-17/-19 DOOR PROPS

C21105116  
W10: 69670



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO14069

Purchase Order Date 5/11/2011

PO Print Date 5/16/2011

Page Number 1 of 2

Order From :

VC-LST0001

LS TECHNOLOGIES INC.  
303-103 STREET  
SASKATOON, SK S7N 1Y9  
CA

Contact Name

Vendor Phone 306 683 5000

Vendor Fax 306 683 6403

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

EX 11/05/11

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	BS104	BALL STUD	5/20/2011 Yes	12.00 Each	FedEx PI collect	\$1.1200	\$13.44
		Special Inst:	AS PER DWG D3554 REV. A B69496				
2	6/15-164/50-115N	Gas Spring	5/20/2011 Yes	20.00 Each	FedEx PI collect	\$63.9000	\$1,278.00
		Special Inst:	AS PER DWG D2807 REV. E B69671				
3	B36-220-530-140N	Door Prop	5/20/2011 Yes	10.00 Each	FedEx PI collect	\$36.8500	\$368.50
		Special Inst:	AS PER DWG D3552 REV. G B69668				
4	B38-154-387-156N	Gas Spring	5/20/2011 Yes	12.00 Each	FedEx PI collect	\$26.5000	\$318.00
		Special Inst:	AS PER DWG D3552 REV. G B69670				

5/16/2011



LS Technologies Canada Inc.

303 - 103 Street  
Saskatoon, SK Canada  
S7N 1Y9

# Packing Slip

Date	Invoice #
5/16/2011	7288

Name / Address
Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

Ship To
Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

P.O. No.	Ship	Via	FOB	Project
14069	5/16/2011	Fed-Ex		

Qty	Description
12	BS104 - 10mm Ball Stud Zinc 5/16-18 Thd .75" Lg with Locknut
20	D2807 Stainless Gas Spring (6/15-164/50-115N)
10	B6-220-530-140N Gas Spring
12	B8-154-387-156N Gas Spring
12	B8-154-387-60N Gas Spring
Shipping Via FED EX Tracking # 797101196445	



303 - 103<sup>rd</sup> Street, Saskatoon, Saskatchewan, Canada S7N 1Y9  
Ph: (306) 683-5000 Fax: (306) 683-6403

### Certificate of Compliance

This is to certify that the parts listed below meets specifications as required by your order.

12 Units : BS104 .39 DIA BALL STUD ZINC PLATED  
5/16-18 THREAD .75 LENGTH W/Locknut

20Units: D2807 Stainless Gas Spring (6/15-164/50-115N)

10 Units: B6-220-530-140N Carbon Steel Gas Spring

12 Units: B8-154-387-156N Carbon Steel Gas Spring

*8/16/24*

12 Units: B8-154-387-060N Carbon Steel Gas Spring

Country of Manufacture: Canada

Date of Manufacture : May 2011

This product is ROHS compliant.

We certify no mercury was used in the manufacture of this order.

Purchase Order # 14069  
Invoice # 7288

L S Technologies Inc Canada

A handwritten signature in black ink, appearing to read "Nolan Fehr", written over a horizontal line.

Nolan Fehr  
Manager